

Abstract

A UV lamp system and a reflector and RF screen assembly are provided. The UV lamp system includes a power supply and an irradiator that is powered by the power supply through a cable. An RF screen is releasably attached to the irradiator by a snap-fit connection. The snap-fit connection between the RF screen and the irradiator is provided by a snap-fit fastener. The reflector and RF screen assembly includes a reflector with a curved reflecting surface and a pair of flanges. An RF screen that has a screen retained by a frame is provided, and is releasably attached to the reflector by a snap-fit connection between the frame and the pair of flanges. At least one snap-fit fastener is used to effect releasable attachment between the frame and one of the flanges, and at least one snap-fit fastener is used to effect releasable attachment between the frame and the other one of the flanges.